

1627



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1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/674,962

DATE: 05/06/2002
TIME: 13:53:52

Input Set : A:\674962sq
Output Set: N:\CRF3\05062002\I674962.raw

#7

3 <110> APPLICANT: Hauer, Bernhard
 4 Schmid, Rolf D.
 5 Enzelberger, Markus
 6 Minning, Stephan
 8 <120> TITLE OF INVENTION: Novel Peptide Fragments for Purifying Proteins
 10 <130> FILE REFERENCE: 49041/Up
 12 <140> CURRENT APPLICATION NUMBER: 09/674,962
 14 <141> CURRENT FILING DATE: 2000-11-08
 16 <150> PRIOR APPLICATION NUMBER: PCT/EP99/03469
 18 <151> PRIOR FILING DATE: 1999-05-20
 20 <160> NUMBER OF SEQ ID NOS: 10
 22 <170> SOFTWARE: WordPerfect version 6.1
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 10
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <222> LOCATION: 1..10
 32 <223> OTHER INFORMATION: sequence for purifying proteins
 W--> 35 <221> NAME/KEY: unsure
 36 <222> LOCATION: 2
 37 <223> OTHER INFORMATION: Xaa is an amino acid selected from the group consisting of
 38 Ala, Val, Phe, Ser, Met, Trp, Tyr, Asn, Asp and Lys, particularly preferably
 39 Phe, Ser, Asn, Asp and Lys, very particularly preferably Asn.
 W--> 41 <221> unsure
 42 <222> LOCATION: 4
 43 <223> OTHER INFORMATION: Xaa is an amino acid selected from the group consisting of
 44 Val, Ile, Phe, Pro, Trp, Tyr, Gln, Glu and Arg, particularly preferably Val,
 45 Ile, Phe, Pro, Gln, Glu and Arg,
 46 <223> OTHER INFORMATION: very particularly preferably Gln, Glu and Arg.
 W--> 48 <221> NAME/KEY: unsure
 W--> 49 <222> LOCATION: 5
 W--> 50 <223> Xaa is an amino acid selected from the group consisting of
 51 Gly, Ile, Thr, Met, Trp, Tyr, Asn, Gln, Asp, Glu, Lys, Arg and His,
 52 particularly preferably Gly, Ile, Thr, Met, Trp, Tyr, Asn Asp, Glu, Arg and
 53 His,
 55 <223> OTHER INFORMATION: very particularly preferably Gly, Thr and Tyr.
 W--> 57 <221> NAME/KEY: unsure
 W--> 58 <222> LOCATION: 6
 W--> 59 <223> Xaa is an amino acid selected from the group consisting of
 60 Val, Phe, Pro, Cys, Met, Trp, Asn, Glu, Arg and His, particularly preferably
 61 Val, Phe, Cys, Met, Trp, Asn, Arg and His, very particularly preferably Asn
 62 and Arg.

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Output Set: N:\CRF3\05062002\I674962.raw

W--> 64 <221> NAME/KEY: unsure
W--> 65 <222> LOCATION: 8
W--> 66 <223> Xaa is an amino acid selected from the group consisting of
67 Gly, Ser, Cys, Met, Trp, Asn, Glu, Lys and Arg, particularly preferably Gly,
68 Ser, Cys, Met, Asn, Glu, Lys and Arg, very particularly preferably Gly and
69 Lys.
W--> 71 <221> NAME/KEY: unsure
W--> 72 <222> LOCATION: 9
W--> 73 <223> Xaa is an amino acid selected from the group consisting of
74 Gly, Ser, Cys, Met, Trp, Asn, Glu, Lys and Arg, particularly preferably Gly,
75 Ser, Cys, Met, Asn, Glu, Lys and Arg, very particularly preferably Gly and
76 Lys.
W--> 78 <400> 1
W--> 80 His Xaa His Xaa Xaa Xaa Cys Xaa Xaa Cys
81 1 5 10
83 <210> SEQ ID NO: 2
84 <211> LENGTH: 10
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Sequence for purifying proteins
91 <400> SEQUENCE: 2
93 His Gln His Glu Gly Arg Cys Lys Glu Cys
94 1 5 10
96 <210> SEQ ID NO: 3
97 <211> LENGTH: 10
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Sequence for purifying proteins
104 <400> SEQUENCE: 3
106 His Asn His Arg Tyr Gly Cys Gly Cys Cys
107 1 5 10
109 <210> SEQ ID NO: 4
110 <211> LENGTH: 10
111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Sequence for purifying proteins
117 <400> SEQUENCE: 4
119 His Arg His Gly Thr Asn Cys Leu Lys Cys
120 1 5 10
122 <210> SEQ ID NO: 5
123 <211> LENGTH: 10
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Sequence for purifying proteins
130 <400> SEQUENCE: 5

RAW SEQUENCE LISTING
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Input Set : A:\674962sq
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132 His Ile His Gln Ser Asn Cys Gln Val Cys	
133 1 5 10	
136 <210> SEQ ID NO: 6	
137 <211> LENGTH: 59	
138 <212> TYPE: DNA	
139 <213> ORGANISM: Artificial sequence	
141 <220> FEATURE:	
142 <221> NAME/KEY: unsure	
143 <222> LOCATION: 1..59	
144 <223> OTHER INFORMATION: primer	
145 <223> OTHER INFORMATION: n is a, g, c, t or u	
W--> 147 <400> 6	
W--> 149 gcaataccat gggcatnnn catnnnnnnn nntgttnnnnn ntgtgtgagg aagggcgag	59
151 <210> SEQ ID NO: 7	
152 <211> LENGTH: 17	
153 <212> TYPE: DNA	
154 <213> ORGANISM: Artificial sequence	
156 <220> FEATURE:	
157 <223> OTHER INFORMATION: primer	
159 <400> SEQUENCE: 7	
161 cagtttgaat tcttagag	17
164 <210> SEQ ID NO: 8	
165 <211> LENGTH: 47	
166 <212> TYPE: DNA	
167 <213> ORGANISM: Artificial sequence	
169 <220> FEATURE:	
170 <223> OTHER INFORMATION: primer	
172 <400> SEQUENCE: 8	
174 gcaataccat gggcatcat catcatcatc atgtgaggaa gggcgag	47
177 <210> SEQ ID NO: 9	
178 <211> LENGTH: 17	
179 <212> TYPE: DNA	
180 <213> ORGANISM: Artificial sequence	
182 <220> FEATURE:	
183 <223> OTHER INFORMATION: primer	
185 <400> SEQUENCE: 9	
187 cagtttgaat tcttagag	17
189 <210> SEQ ID NO: 10	
190 <211> LENGTH: 44	
191 <212> TYPE: DNA	
192 <213> ORGANISM: Artificial sequence	
194 <220> FEATURE:	
195 <223> OTHER INFORMATION: primer	
197 <400> SEQUENCE: 10	
199 gcaataccat gggcatatt cataatcttg attgtcctga ttgt	44

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/674,962

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,4,5,6,8,9

Seq#:6; N Pos. 18,19,20,24,25,26,27,28,29,30,31,32,36,37,38,39,40,41

VERIFICATION SUMMARY
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Input Set : A:\674962sq
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L:35 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:41 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1
L:48 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:49 M:281 W: Numeric Fields not Ordered, <222> Sort in ascending order!
L:50 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1
L:57 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:58 M:281 W: Numeric Fields not Ordered, <222> Sort in ascending order!
L:59 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1
L:64 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:65 M:281 W: Numeric Fields not Ordered, <222> Sort in ascending order!
L:66 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1
L:71 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:72 M:281 W: Numeric Fields not Ordered, <222> Sort in ascending order!
L:73 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1
L:78 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1
L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:147 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
L:149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0